

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	Release of Second Lien Trademark Security Agreement recorded at Reel/Frame 003706/0399												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Name</th> <th style="width: 30%;">Formerly</th> <th style="width: 20%;">Execution Date</th> <th style="width: 20%;">Entity Type</th> </tr> <tr> <td>Credit Suisse AG</td> <td>FORMERLY Credit Suisse</td> <td>04/27/2010</td> <td>Bank: SWITZERLAND</td> </tr> </table>	Name	Formerly	Execution Date	Entity Type	Credit Suisse AG	FORMERLY Credit Suisse	04/27/2010	Bank: SWITZERLAND					
Name	Formerly	Execution Date	Entity Type										
Credit Suisse AG	FORMERLY Credit Suisse	04/27/2010	Bank: SWITZERLAND										
RECEIVING PARTY DATA													
Name:	Global Geophysical Services, Inc.												
Street Address:	13927 South Gessner Road												
City:	Missouri City												
State/Country:	TEXAS												
Postal Code:	77489												
Entity Type:	CORPORATION: DELAWARE												
PROPERTY NUMBERS Total: 3													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Property Type</th> <th style="width: 20%;">Number</th> <th style="width: 60%;">Word Mark</th> </tr> <tr> <td>Registration Number:</td> <td>3148160</td> <td>RG-3D RESERVOIR GRADE</td> </tr> <tr> <td>Registration Number:</td> <td>3170964</td> <td>RG 2D RESERVOIR GRADE</td> </tr> <tr> <td>Registration Number:</td> <td>3198605</td> <td>EXCITING THE PLANET</td> </tr> </table>	Property Type	Number	Word Mark	Registration Number:	3148160	RG-3D RESERVOIR GRADE	Registration Number:	3170964	RG 2D RESERVOIR GRADE	Registration Number:	3198605	EXCITING THE PLANET	
Property Type	Number	Word Mark											
Registration Number:	3148160	RG-3D RESERVOIR GRADE											
Registration Number:	3170964	RG 2D RESERVOIR GRADE											
Registration Number:	3198605	EXCITING THE PLANET											
CORRESPONDENCE DATA													
Fax Number:	(713)222-3291												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	713.221.3306												
Email:	constance.rhebergen@bgllp.com												
Correspondent Name:	Constance Gall Rhebergen												
Address Line 1:	711 Louisiana Street												
Address Line 2:	Suite 2300												
Address Line 4:	Houston, TEXAS 77002												
ATTORNEY DOCKET NUMBER:	060877.091210												
NAME OF SUBMITTER:	Constance Gall Rhebergen												

OP \$90.00 3148160

900165590

TRADEMARK
REEL: 004231 FRAME: 0823

Signature:	/Constance Gall Rhebergen/
Date:	06/25/2010
Total Attachments: 3 source=3Trademarks Second Lien GGS Release#page1.tif source=3Trademarks Second Lien GGS Release#page2.tif source=3Trademarks Second Lien GGS Release#page3.tif	

RELEASE OF SECOND LIEN SECURITY AGREEMENT IN TRADEMARKS

WHEREAS, by a certain Trademark Security Agreement dated as of January 16, 2008 (the “**Agreement**”) by Global Geophysical Services, Inc. (“**Assignor**”) to Credit Suisse AG (f/k/a Credit Suisse), as Second Lien Collateral Agent (“**Assignee**”), which Agreement was recorded with the United States Patent and Trademark Office on January 29, 2008 on reel 003706 frame 0399, Assignor granted to Assignee as security interest in and lien on those trademarks and trademark applications owned by Assignor and set forth on Schedule A hereto;

WHEREAS, Assignee desires to release its security interest in and lien on the trademarks and trademark applications set forth on Schedule A hereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignee does hereby release its security interest in and lien on the trademarks and trademark applications set forth on Schedule A hereto and reassigns to the Assignor all right, title and interest of Assignee in and to such trademarks and trademark applications.

Dated: April 27, 2010

[Remainder of this page intentionally left blank]

**CREDIT SUISSE AG, CAYMAN
ISLANDS BRANCH,**
as Second Lien Collateral Agent

By: _____

Name:

Title:


JUDITH E. SMITH
MANAGING DIRECTOR

By: _____

Name:

Title:


ILYA IVASHKOV
ASSOCIATE

Schedule A

GLOBAL GEOPHYSICAL SERVICES, INC.

U.S. TRADEMARK REGISTRATIONS

<u>Owner</u>	<u>Type</u>	<u>Number</u>	<u>Registration Date</u>
Global Geophysical Services, Inc.	"RG-3D" Logo	3,148,160	Sept. 26, 2006
Global Geophysical Services, Inc.	"RG-2D" Logo	3,170,964	Nov. 14, 2006
Global Geophysical Services, Inc.	"Exciting the Planet" slogan	3,198,605	Jan 16, 2007

U.S. TRADEMARK APPLICATIONS

None

TRADEMARK LICENSES

Richard A. Degner	Global Logo	3,040,806	January 10, 2006
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